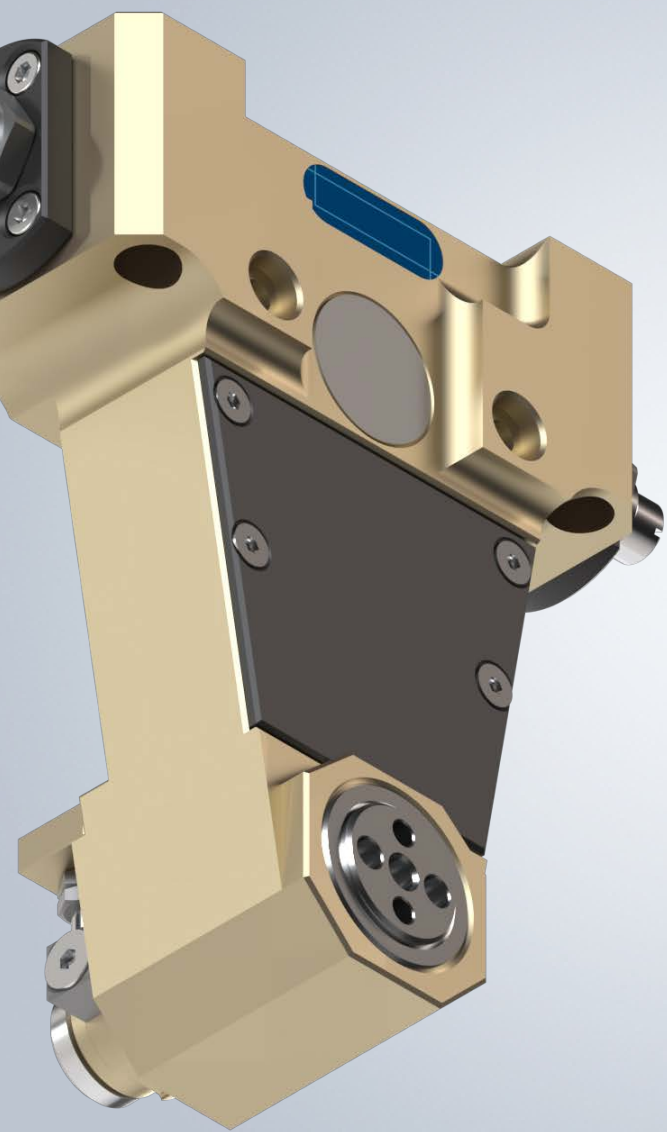




RSDL
B2DF

旋轉手指

Swivel finger

生產效率高、靈活、緊湊

Productive. Flexible. Compact.

應用場景

Field of application

廣泛用於清潔至輕度污染環境。

For universal use in clean and slightly dirty environments.

優勢特長

Advantages

配套液壓終端位置阻尼器 迴轉週期短

Integrated hydraulic end position dampers for fast swiveling cycles

終端位置不會承受後座力 定位精確度最高

Scope-free end positions for highest positioning accuracy

惰輪裝置，帶傳動或阻尼裝置 為第二軸承位置經濟型

Counter-bearing without drive or damping as a costefficient version of the second bearing position

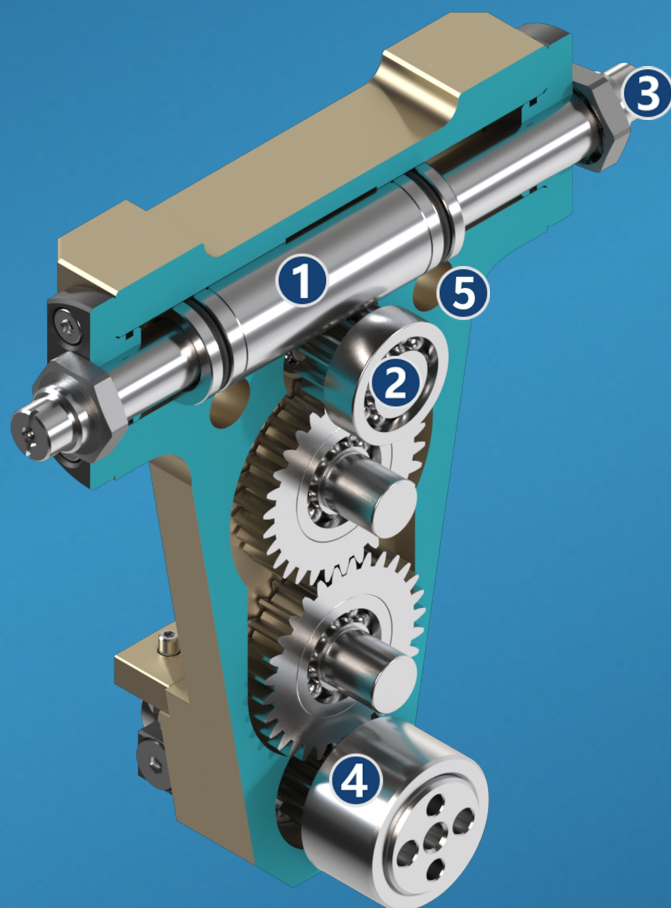


RSDL 旋轉手指

RSDL Swivel finger

RSDL 旋轉手指

RSDL Swivel finger



① 傳動裝置 Drive

氣動雙作用傳動活塞

Pneumatic, double-acting drive piston

② 動力學 Kinematics

齒條與小齒輪原理，帶迴轉法蘭齒輪傳動

Rack and pinion principle with gear transmission to the rotary flange

③ 減震 Damping

迴轉週期短功能大功率液壓減振器

Powerful, hydraulic shock absorbers for rapid swiveling cycles

④ 迴轉法蘭 Rotary flange

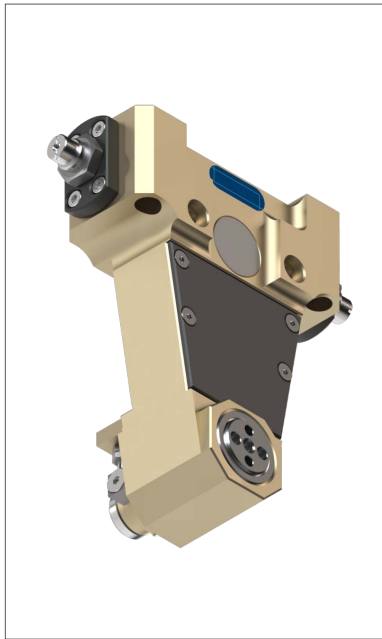
安裝在滾柱軸承上，帶中孔

Seated by roller bearings, with center bore

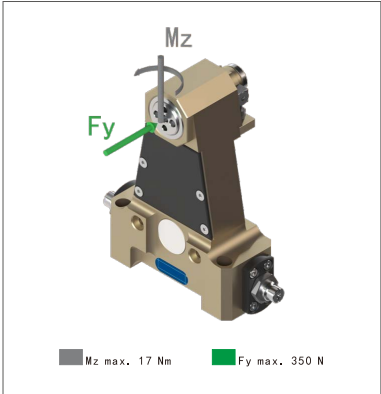
⑤ 定心和安裝可能性 Centering and mounting possibilities

旋轉手指通用裝配

For universal assembly of the swivel finger



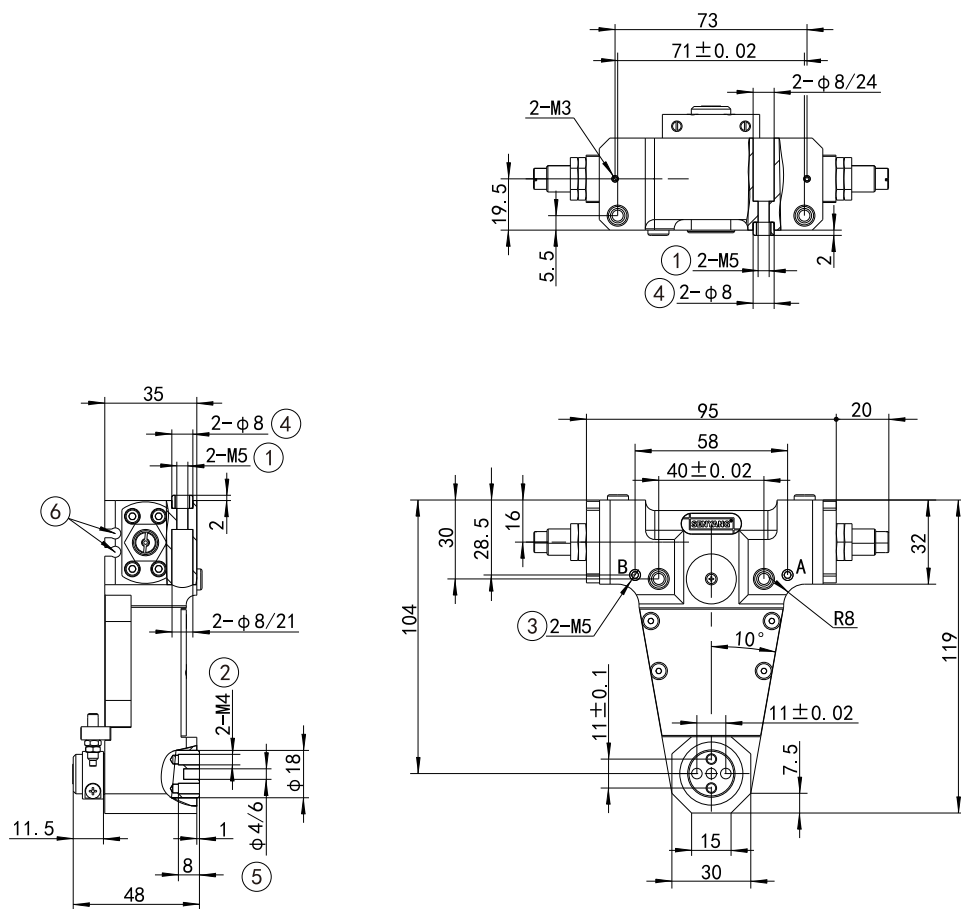
負載極限 Maximum loads



力矩和力可能同時影響小齒輪。
The moment and force can impact the pinion simultaneously.

技術參數
Technical data

描述 Description	單位	RSDL-16-180	RSDL-16-90
訂貨碼 ID		71016180	71016090
旋轉角度 Angle of rotation	[°]	180	90
端位置調整 End position adjustability	[°]	3.0	3.0
終端終點位置阻尼 End position damping		液壓減震器	液壓減震器
扭矩 Torque	[Nm]	0.64	0.64
旋轉時間，無負載 Cycle time, without attached load	[S]	0.3	0.3
耗氣量 (2X額定角度) Fluid consumption (2x nom. angle)	[cm³]	4.5	2.3
最小/額定/最大工作壓力 Min./nom./max. operating pressure	[bar]	3/6/8	3/6/8
自重 Weight	[kg]	0.69	0.69
使用溫度範圍 Min./Max. ambient temperature	[°C]	5/60	5/60
防護等級 IP protection class		54	54
重複精度 Repeat accuracy	[°]	0.07	0.07



該尺寸圖為標準版，定制版本請諮詢客服。

This dimensional drawing is a standard version. Please contact us for customized version.

A, a 主/直接接口，旋轉氣缸順時針旋轉

Main / direct connection, rotary actuator rotates clockwise

B, b 主/直接接口，旋轉氣缸逆時針旋轉

Main / direct connection, rotary actuator rotates counterclockwise

1 旋轉氣缸接口 Connection swivel unit

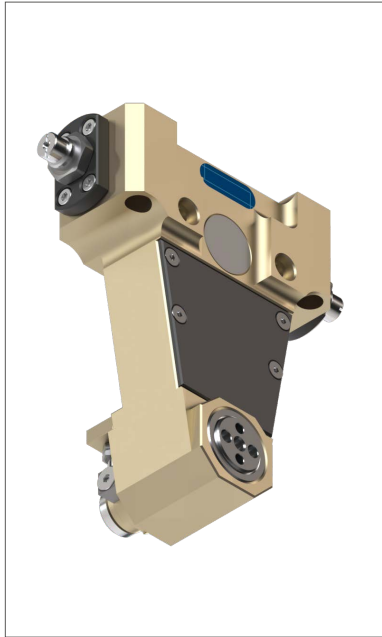
2 連接件接口 Attachment connection

3 后側 Back side

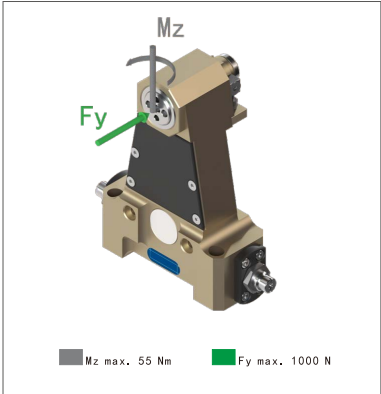
4 適合定心套 Fit for centering sleeves

5 適合定心銷 Fit for centering pins

6 磁性式感應開關 Magnetic sensors



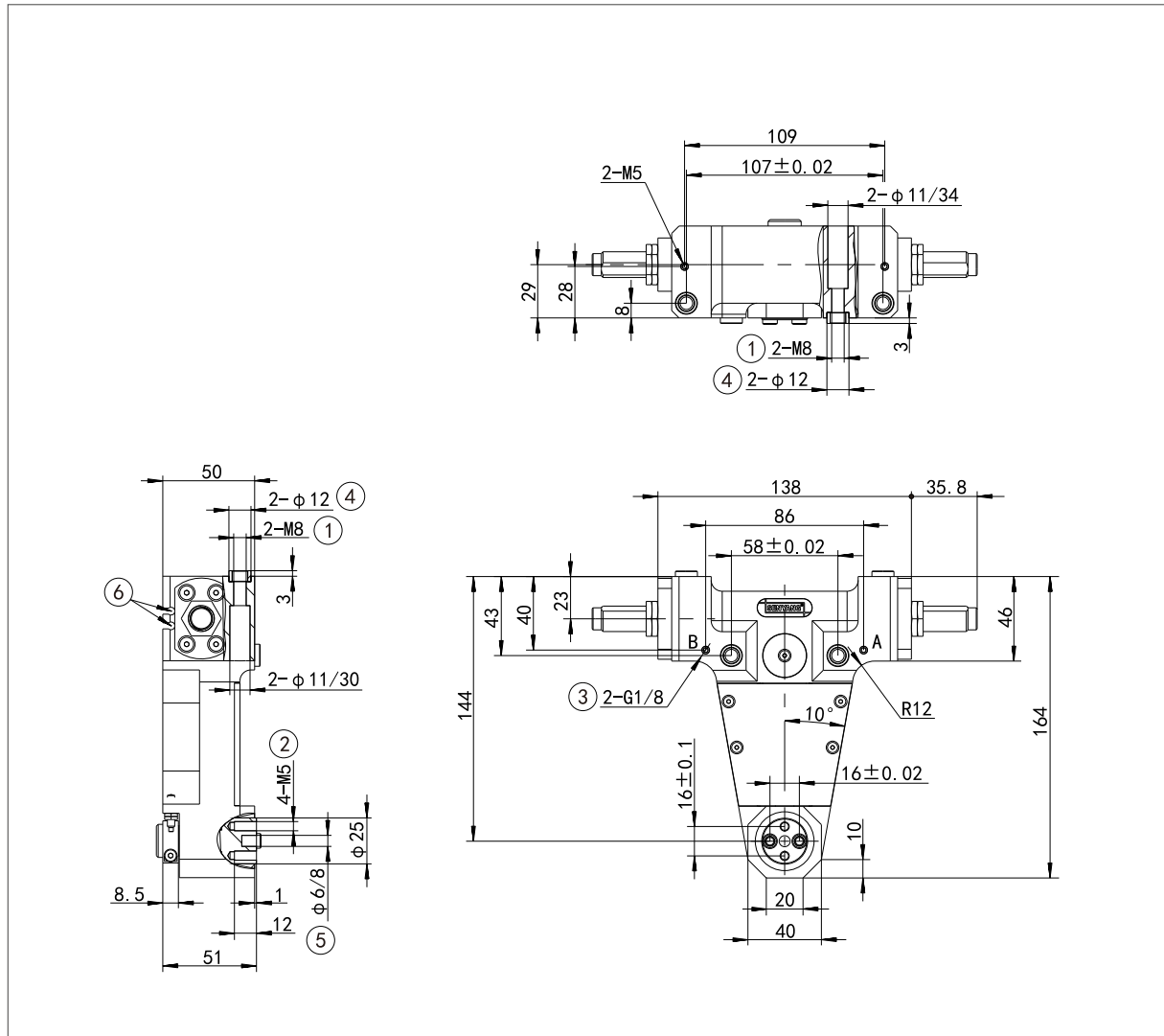
負載極限 Maximum loads



力矩和力可能同時影響小齒輪。
The moment and force can impact the pinion simultaneously.

技術參數
Technical data

描述 Description	單位	RSDL-25-180	RSDL-25-90
訂貨碼 ID		71025180	71025090
旋轉角度 Angle of rotation	[°]	180	90
端位置調整 End position adjustability	[°]	3.0	3.0
終端終點位置阻尼 End position damping		液壓減震器	液壓減震器
扭矩 Torque	[Nm]	2.35	2.35
旋轉時間，無負載 Cycle time, without attached load	[S]	0.3	0.3
耗氣量 (2X額定角度) Fluid consumption (2x nom. angle)	[cm³]	15.5	7.8
最小/額定/最大工作壓力 Min./nom./max. operating pressure	[bar]	3/6/8	3/6/8
自重 Weight	[kg]	1.6	1.6
使用溫度範圍 Min./Max. ambient temperature	[°C]	5/60	5/60
防護等級 IP protection class		54	54
重複精度 Repeat accuracy	[°]	0.07	0.07



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A, a 主/直接接口，旋轉氣缸順時針旋轉
Main / direct connection, rotary actuator rotates clockwise

B, b 主/直接接口，旋轉氣缸逆時針旋轉
Main / direct connection, rotary actuator rotates counterclockwise

1 旋轉氣缸接口 Connection swivel unit

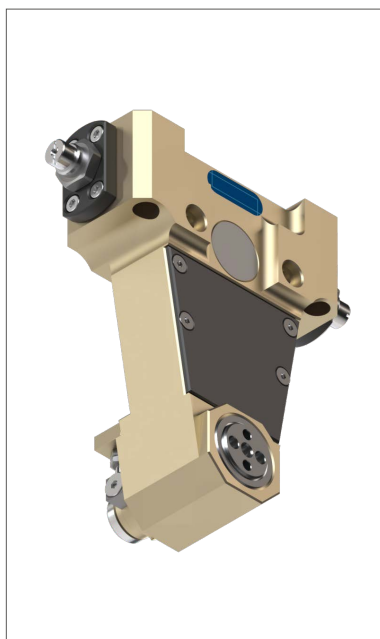
2 連接件接口 Attachment connection

3 后側 Back side

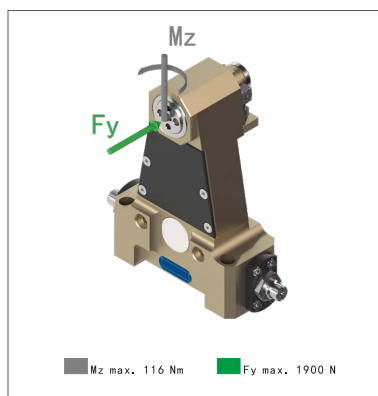
4 適合定心套 Fit for centering sleeves

5 適合定心銷 Fit for centering pins

6 磁性式感應開關 Magnetic sensors



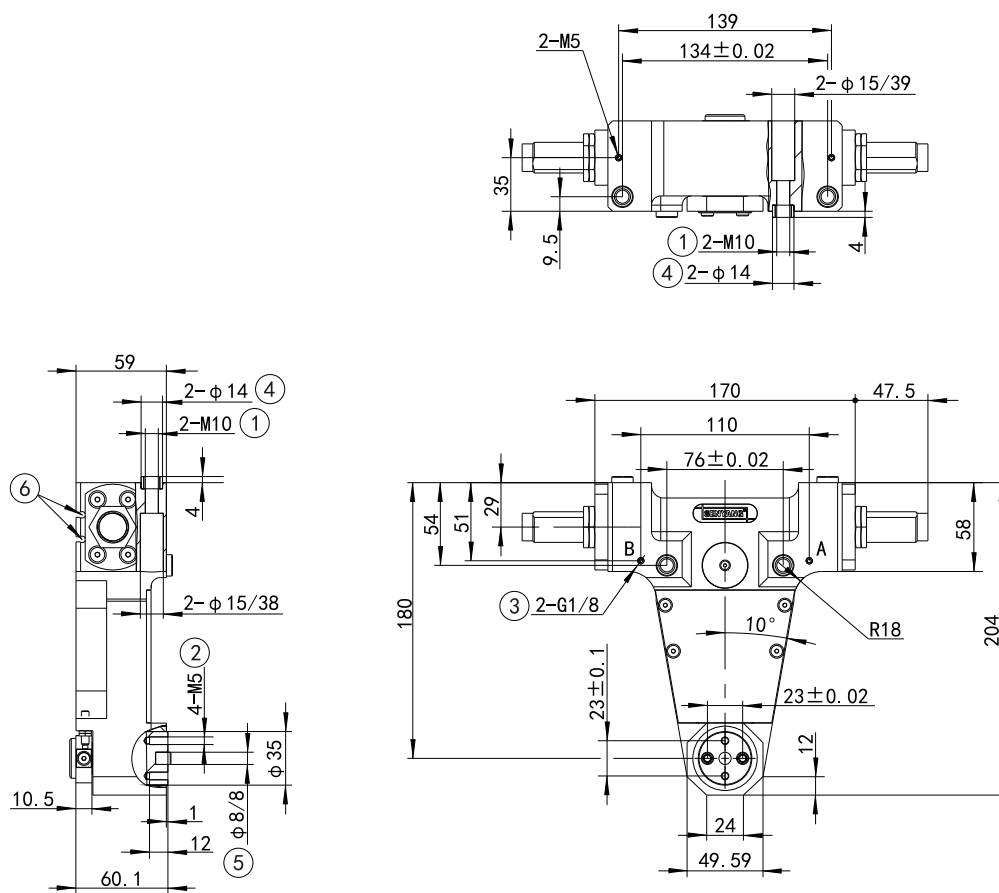
負載極限 Maximum loads



力矩和力可能同時影響小齒輪。
The moment and force can impact the pinion simultaneously.

技術參數 Technical data

描述 Description	單位	RSDL-32-180	RSDL-32-90
訂貨碼 ID		71032180	71032090
旋轉角度 Angle of rotation	[°]	180	90
端位置調整 End position adjustability	[°]	3.0	3.0
終端終點位置阻尼 End position damping		液壓減震器	液壓減震器
扭矩 Torque	[Nm]	5	5
旋轉時間，無負載 Cycle time, without attached load	[S]	0.4	0.4
耗氣量 (2X額定角度) Fluid consumption (2x nom. angle)	[cm ³]	31.5	16
最小/額定/最大工作壓力 Min./nom./max. operating pressure	[bar]	3/6/8	3/6/8
自重 Weight	[kg]	3	3
使用溫度範圍 Min./Max. ambient temperature	[°C]	5/60	5/60
防護等級 IP protection class		54	54
重複精度 Repeat accuracy	[°]	0.07	0.07



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A, a 主/直接接口，旋轉氣缸順時針旋轉

Main / direct connection, rotary actuator rotates clockwise

B, b 主/直接接口，旋轉氣缸逆時針旋轉

Main / direct connection, rotary actuator rotates counterclockwise

1 旋轉氣缸接口 Connection swivel unit

2 連接件接口 Attachment connection

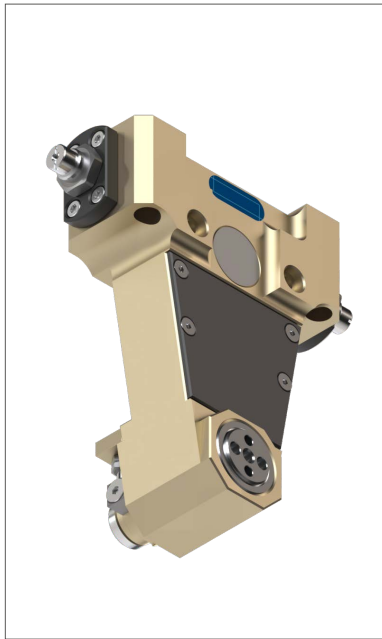
3 后側 Back side

4 適合定心套 Fit for centering sleeves

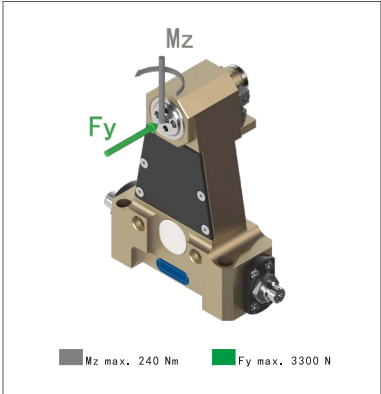
5 適合定心銷 Fit for centering pins

6 磁性式感應開關 Magnetic sensors

RSDL-40



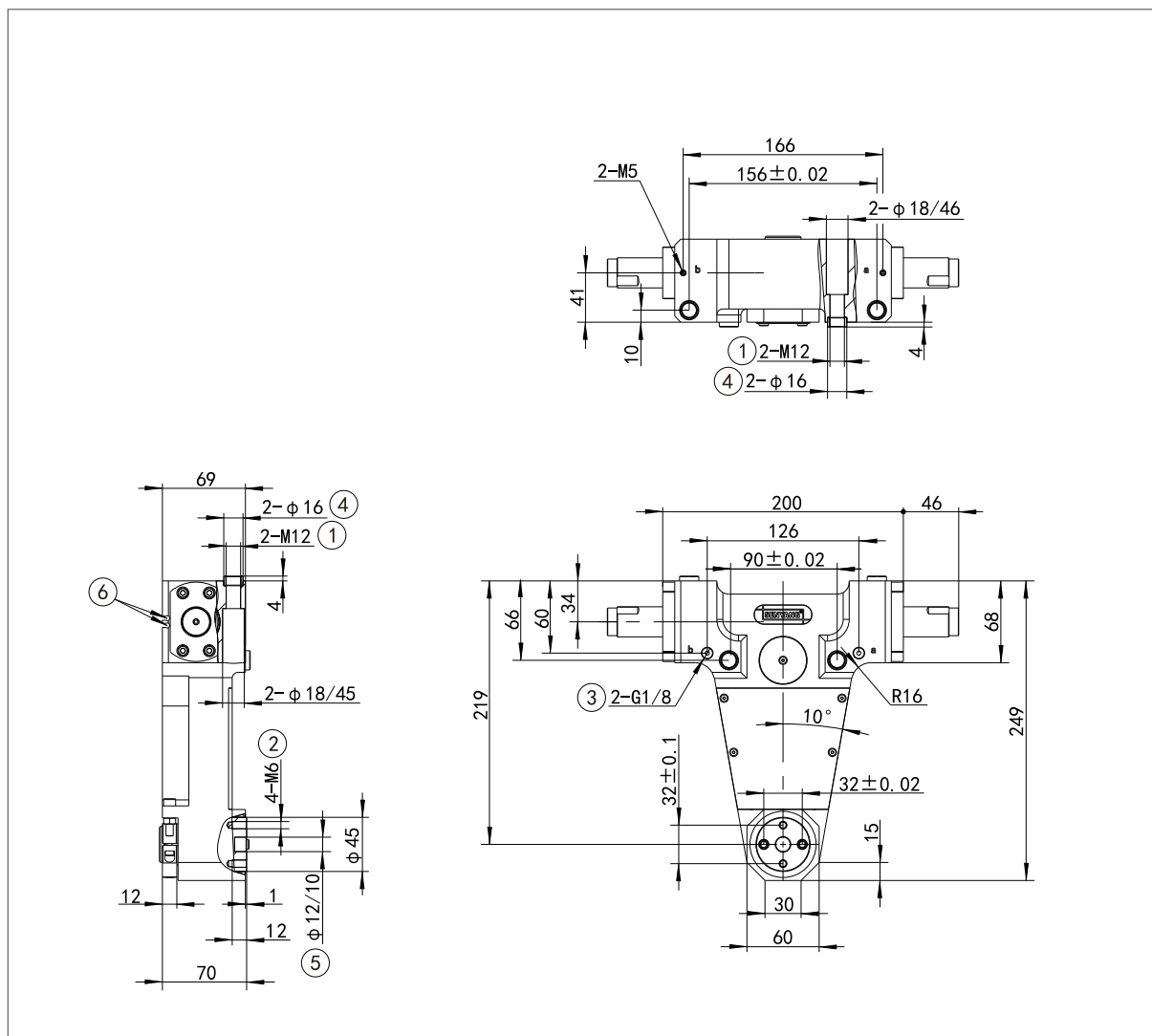
負載極限 Maximum loads



力矩和力可能同時影響小齒輪。
The moment and force can impact the pinion simultaneously.

技術參數
Technical data

描述 Description	單位	RSDL-40-180	RSDL-40-90
訂貨碼 ID		71040180	71040090
旋轉角度 Angle of rotation	[°]	180	90
端位置調整 End position adjustability	[°]	3.0	3.0
終端終點位置阻尼 End position damping		液壓減震器	液壓減震器
扭矩 Torque	[Nm]	10	10
旋轉時間，無負載 Cycle time, without attached load	[S]	0.4	0.4
耗氣量 (2X額定角度) Fluid consumption (2x nom. angle)	[cm ³]	63	32
最小/額定/最大工作壓力 Min./nom./max. operating pressure	[bar]	3/6/8	3/6/8
自重 Weight	[kg]	5	5
使用溫度範圍 Min./Max. ambient temperature	[°C]	5/60	5/60
防護等級 IP protection class		54	54
重複精度 Repeat accuracy	[°]	0.07	0.07



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A, a 主/直接接口，旋轉氣缸順時針旋轉
Main / direct connection, rotary actuator rotates clockwise

B, b 主/直接接口，旋轉氣缸逆時針旋轉
Main / direct connection, rotary actuator rotates counterclockwise

1 旋轉氣缸接口 Connection swivel unit

2 連接件接口 Attachment connection

3 后側 Back side

4 適合定心套 Fit for centering sleeves

5 適合定心銷 Fit for centering pins

6 磁性式感應開關 Magnetic sensors